

## ABSTRACT

A heat pipe assembly comprises a first heat pipe having a condenser and a working fluid. A reservoir communicates with the condenser of the first heat pipe and contains a non-condensable gas which variably permits access of the working fluid to the condenser of the first heat pipe, depending on a pressure of the working fluid. A second heat pipe has an evaporator. At least a portion of the evaporator of the second heat pipe is contained inside of the condenser of the first heat pipe.

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